Memo

Quality Control

NCR: Y	Yes / No WORK ORDER NON-CONFORMANCE / UPDATE												
				٠.					<u>-</u>		QA Closed:	Date	<u>:</u>
Work Orde	r:					DISPOSITION	J				EPÄRTMENT,		
Part N	o					Rework Scrap Use-as-is	-	ļ	Skid-tube Machining noforming	Crosstube Small Fab Finishing	_	Water Jet d. Eng. Coor. re/Packaging	Engineering Quality Other
NCR N	o					Work Order Update			Large Fab	Composite		Supplier	
Root				Ī	Descri	ption of work order update	I	nitial	Acti	ion	Sign &		
Cause		Date	Step	Qty		or Non-conformance	Ch	ief Eng	Descri	iption	Date	Verification	QC Inspector
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quip/Tooling	_	;											
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Inapproved							ì٠	·			<u> </u>	<u> </u>	<u> </u>
			-			,	AUL	T CATE	GORY	<u></u>			
Landin	g Ge	ar				General				<u></u>	- -		- -
[В	ending				Bend		Grain			Ovalized	L	Pressure/Forced
[C	entre No	t Concer	itric to (o/s	BOM/Route		Hardwa	re	L_	Over/Under	tolerance	Temperature/Cure
[C	racks				Broken/Damaged		Inspecti	on Incomplete		Part Incorre	ct	Weld
ſ	c	rushed/C	Crimped			Burrs		Instruct	ions Incomplete/U	Inclear	Part Lost/Mi	ssing	Wrong Stock Pulled
Ţ	C	uffs			[Contamination		Mainte	nance		Part Moved		
ſ	Н	leat Treat	t			Countersink		Mislabe	eled		Positioned V	Vrong	
Ţ	lr.	nspection	Strip in	Tube	<u> </u>	Cut Too Short		Misread	t .		Power Loss/	Surge	Other
ţ	—	ipples in				Drill Holes		Offset			<u> </u>		
Ţ		orque W	aves in E	xtrusio	,	Drawing		Out of 0	Calibration				
İ	_	urning Se				Finish		Out of S	Sequence				
	\neg $_{v}$	Vave/Twi	ist in Tub	e		Folio		Outside Dimensions					

Date:

DQA:

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Memo

150

Packaging

Packaging

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NCR:	Yes	/	No

DQA:

Date:

NCR: Y	es / No			WORK ORDER NON-	CONFO	RMANCE / UF	PDATE	QA Closed:	Date	:
Work Orde	r:		<u> </u>	 DISPOSITION			AGAINST DI	EPARTMENT,	/PROCESS	·
Part N				 Rework Scrap		Skid-tube Machining	Crosstube Small Fab	-1	Water Jet d. Eng. Coor.	Engineering Quality
NCR N	o			 Use-as-is Work Order Update] Th	ermoforming Large Fab	Finishing Composite	Rec/Stor	Other	
Root Cause	Date	Step	Qty	iption of work order update or Non-conformance	Initia Chief E		ction cription	Sign & Date	Verification	QC Inspector
Ooc/Data Equip/Tooling Operator Material Setup	Date	Step	City	or won-comormance	Cilier	ing Des	cription	Dute	Vermeation	де търсею.
Other • Process Supplier Fraining Unapproved										
				 	AULT CA	TEGORY				
Landin	g Gear Bending Centre No Cracks Crushed/ Cuffs Heat Trea Inspectio Ripples in Torque W	Crimped at n Strip in n Bend Vaves in & iequence	Tube Extrusio	General Bend BOM/Route Broken/Damaged Burrs Contamination Countersink Cut Too Short Drill Holes Drawing Finish	Insp Instr Mai Misi Offs Out	Iware ection Incomplete ructions Incomplete ntenance abeled read et of Calibration of Sequence	/Unclear	Ovalized Over/Under Part Incorred Part Lost/Mi Part Moved Positioned V Power Loss/	ct ssing Vrong	Pressure/Forced Temperature/Cure Weld Wrong Stock Pulled Other
Wave/Twist in Tube Folio			oe e	 Folio	Out	side Dimensions				

Work Orde <i>May-27-13</i> 12:4		2275		*102	775	k					Page 3	
Revision 1D:	646.3610 Filler	·		Accept	*N9(ากก4เ	110 0)* s	Setup Star	171	S1* S2*	
Start Date: Required Date: Reference:	5/27/13 6/07/13	Start Qty: 20.00 Req'd Qty: 20.00	*20* *20*		Cust I Custo	tem ID: mer:						
Approvals:		an:	_	Tooling: SPC (Y/N):		Date:		F	Run Star Stop	1/1	R1* R2*	1
Sequence ID/ Work Center II 155 *155* QC Quality Control	D	Operation Description QC5- Inspect part comple	cteness to step on W/O	Set Up/ Run Hours 0.00 DAS 27 9-89		ID Tool	# Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp	· ~
*180 *180* Packaging Packaging		Memo	ock Location: ST 533 FY AS PER APICAL MPP-	0.00 0.00 120 BY STAMPING P	# AND REV***			20			04n 33 /3	-09-
190 *1 9 0* QC		QC21- Final Inspection -	Work Order Release	0.00					13/0	9/60	H	

Quality Control

A1309-5

NCR: Y	CR: Yes / No WORK ORDER NON-CONFORMANCE / UPDATE												
											QA Closed:	Date:	
Work Orde	r: _					DISPOSITION	,		[-	_	EPARTMENT,	_	, –
Part N	o					Rework Scrap	-	ı	Skid-tube Machining	Crosstube Small Fab	_	Water Jet d. Eng. Coor.	Engineering Quality Other
NCR N	o. <u> </u>					Use-as-is Work Order Update]	•	noforming Large Fab	Finishing Composite	Rec/stor	e/Packaging Supplier	Other
Root					Descri	iption of work order update	Ti	nitial	Act	ion	Sign &		
Cause		Date	Step	Qty		or Non-conformance	Ch	ief Eng	Descr	iption	Date	Verification	QC Inspector
oc/Data													
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Other			1				1	·					
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inapproved			Ì					_					
						F	AUL	T CATE	GORY				
Landin	g Ge	ar				General		_		_			
ſ	В	ending				Bend		Grain			Ovalized	i 	Pressure/Forced
Γ	c	entre No	ot Concei	ntric to	o/s	BOM/Route		Hardwa	re		Over/Under	tolerance	Temperature/Cure
Γ	Cı	racks				Broken/Damaged		Inspecti	on Incomplete		Part Incorred	:t	Weld
Ī	Cı	rushed/	Crimped			Burrs		Instruct	ions Incomplete/U	Inclear	Part Lost/Mi	ssing	Wrong Stock Pulled
Ī		ıffs				Contamination		Mainte	nance	ſ	Part Moved		
<u> </u>	Πн	eat Trea	at			Countersink		Mislabe	led		Pasitioned V	/rong	
ŀ	- In	spectio	n Strip in	Tube	一	Cut Too Short		Misread	1	Ī	Power Loss/	Surge	Other
Ţ		pples in	*			Drill Holes		Offset		_			
ļ	_		Vaves in 8	xtrusio	n			Out of 0	Calibration				
ļ	_	•	Sequence		<u> </u>	Finish		Out of S	Sequence				
Ī	_	-	vist in Tul			Folio		Outside	Dimensions				

DQA: Date: ___

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Picklist Print

May-27-13 12:42:41 PM

Work Order ID:

102275

Parent Item:

646.3610

Parent Item Name:

Filler

Start Date: 5/27/13

Required Date: 6/07/13

Start Qty: 20.00

Required Qty: 20.00

Comments:

IPP REV:A NEW ISSUE 12-10-22 JLM VERIFIED:DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M7075T6B1.000X1.000		Purchased	No				f	10.4000		8.210526	.		
7076 TX DAD 1 001 00													

7075 T6 BAR 1.00 x1.00

Location MAT049 Loc Oty 10.4

10.4

Loc Code

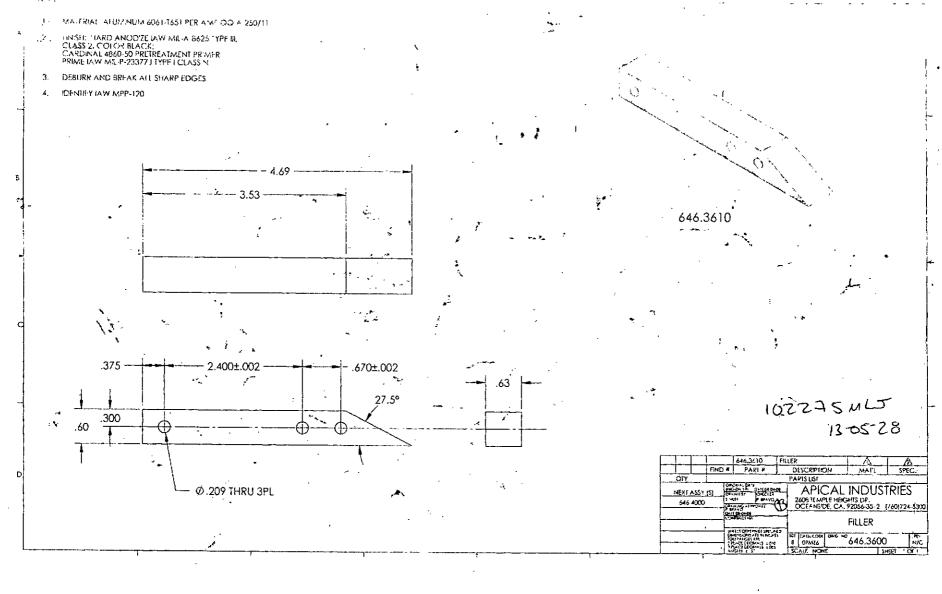
M126390

124079 _

NCR:	Yes	- /	No
INCh.	153	,	INU

										DQA:	Date:	<u> </u>	
NCR: Y	⁄es	/ No		٠		WORK ORDER NON-C	ONFOR	MANCE / UP	DATE 	QA Closed:	Date:	• •	
Work Orde	>r:					DISPOSITION			AGAINST DE	PARTMENT	/PROCESS		
Part No. Rework Use-as-is								Skid-tube Crosstube Machining Small Fab			Water Jet	Engineering Quality Other	
NCR N	No				· .	Work Order Update	Thermoforming Finishing Rec/Store/Packaging Or Large Fab Composite Supplier						
Root					Descri	ption of work order update	Initial	Ac	tion	Sign &			
Cause		Date	Step	Qty	C	or Non-conformance	Chief Eng	Desc	ription	Date	Verification.	QC Inspector	
Doc/Data				,					-				
Equip/Tooling					-		<u> </u>						
Operator	Н]			•		, ·S				•	
Material	Н												
Setup Other	H		ļ							į			
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Supplier	Н							•					
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Unapproved	П							ļ					
			•			F	AULT CATE	GORY					
Landii	ng G	ear		·	<u>.</u>	General				_	مثمي		
		Bending				Bend	Grain			Ovalized		Pressure/Forced	
Centre Not Concentric to O/S BO				ntric to (o/s	BOM/Route	Hardware			Over/Under tolerance Temperature/Cure			

			 _		 •
	Bending	Bend	Grain	Ovalized	Pressure/Forced
	Centre Not Concentric to O/S	BOM/Route	Hardware	Over/Under tolerance	Temperature/Cure
Γ	Crácks	Broken/Damaged	Inspection Incomplete	Part Incorrect	Weld
	Crushed/Crimped	Burrs	Instructions Incomplete/Unclear	Part Lost/Missing	Wrong Stock Pulled
	Cuffs	Contamination	Maintenance	Part Moved	-
	Heat Treat	Countersink	Mislabeled	Positioned Wrong	_
	Inspection Strip in Tube	Cut Too Short	Misread	Power Loss/Surge	Other
Γ	Ripples in Bend	Drill Holes	Offset		
	Torque Waves in Extrusion	Drawing	Out of Calibration		
	Turning Sequence	Finish	Out of Sequence		
. [Wave/Twist in Tube	Folio	Outside Dimensions		



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DART AEROSPACE LTD	Work Order:	7F5501
Description: Filler	Part Number:	646-3600
Inspection Dwg: 646-3600 Rev: N/C		Page 1 of 1

FIRST ARTICLE INSPECTION CHECKLIST

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
4-69	+/040	4-692	7		FK-04	Vern.
3,53	+1- 0000	3.53)			h
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Measured by:	Audited by:	Preliminary Approval:
Date: \3/08/03	Date: 308/068	Date:

Rev	Date	Change	Revised by	Approved
E	10.04.14	Added preliminary approval	KJ	. <u></u>

A 10.04.15

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# **Chantal Lavoie**

From:

Nigel Forbes

Sent:

Wednesday, August 14, 2013 8:05 AM

To:

Chantal Lavoie

Subject:

ATG

Hi,

As discussed, all parts going to ATG do not require cleaning prior to the delivery. ATG will clean and prepare the parts prior processing.

Thanks1

Nigel

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A.T.G. Industries Inc. 731, rue industrielle Rd. PLATING DEPARTMENT Rockland, On K4K 1T2 Canada

Ph: (613) 446-4544 Fax: (613) 446-4556

### Pack List

Number: 62596

Date: 30-Aug-13

To

DART AEROSPACE LTD 1270 ABERDEEN ST. HAWKESBURY, ON K6A 1K7 Canada Ship To

DART AEROSPACE LTD 1270 ABERDEEN ST. HAWKESBURY, ON K6A 1K7

Canada

Ph: 613-632-5200

Fax: 613-632-1185

Ph: 613-632-5200

Fax: 613-632-1185

Terms		Ship Via		
			······································	
Quantity	Description	<u>,</u>		
	Part: ASST		Rev.	
lo ⁻	<b>.</b>			
	10 PCS 646.3012 4 PCS 646.3310			
	6 PCS 646.3312			
(	√20 PCS 646.3610 <b>△</b>			
	11 PCS 646.3812 12 PCS 647.5710			
	23 PCS 646.9710	•		
	5 PCS 647.9711 14 PCS 646.9712			
	HARD ANODIZE BLACK			
	MIL-A-8625 TYPE III CLASS 2		•	
	PRIME MIL-P-23377J TYPE I CL			
<u></u>	Job: 20130542	P(0: 20929	Line:	
	Certificate of C	onformance		
•	A.T.G. Industries certifies that all item with all requirements, specifications a	is in this shipment are in co	nformance	
		_	the purchase order.	
	ISO 9001 : 2008 R ATG SALES-2010			
	DATE: 30/8/13			
	u	L		
	CERTIFIED SIGNATURE :			
	DECEMEN CLONATURE			
	RECEIVER SIGNATURE :	· · · · · · · · · · · · · · · · · · ·		

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